



1951



1973

1952



1953



1954



1955

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[1965]

SIA2009-2575.tif



[1965]



[1965]

SIA2009-2576.tif



[1970]



[1969]

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4233.44



1793. Paulo Affonso falls, facing island.



1794. Paulo Affonso falls from turbine station.



1795. Paulo Affonso falls from turbine station.



1796. Paulo Affonso falls from turbine station.



1797. Paulo Affonso falls from turbine station.



1798. Paulo Affonso falls from turbine station.



1799. Paulo Affonso falls from turbine station.



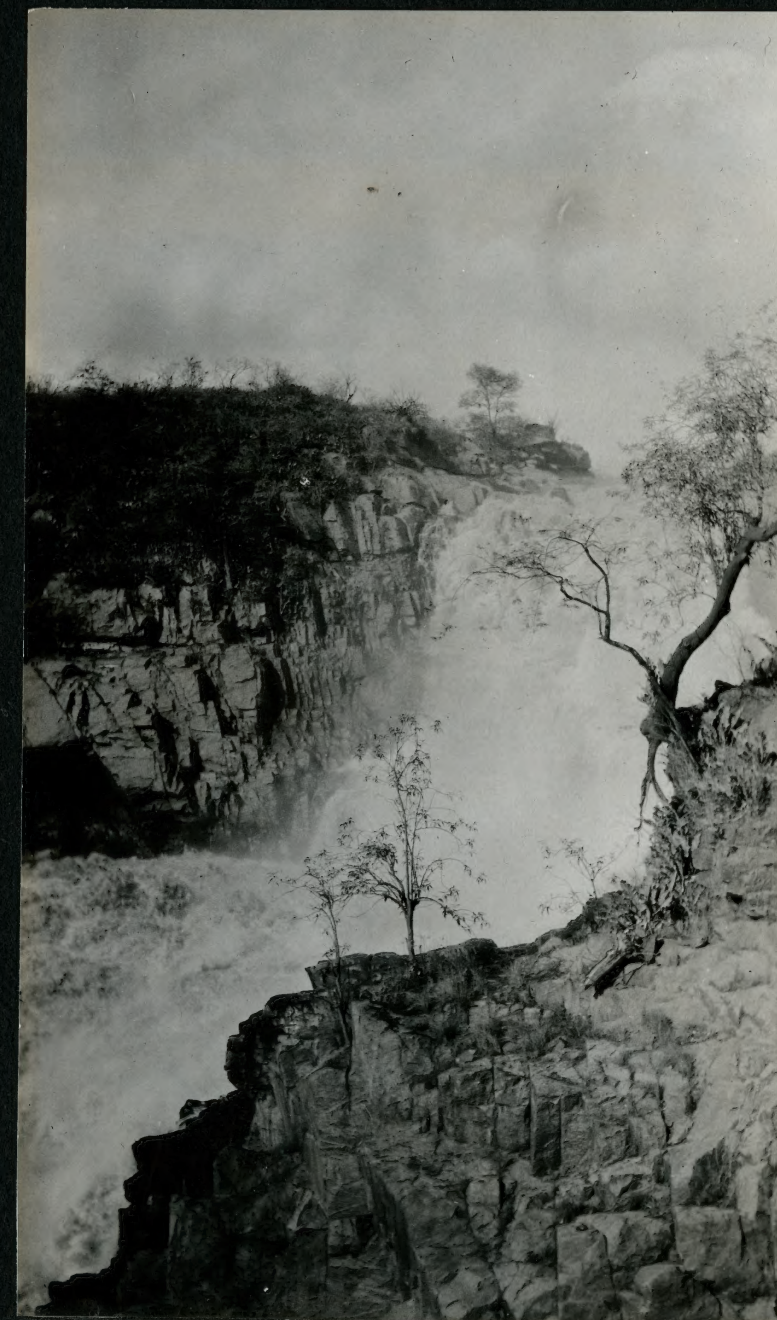
1800. Paulo Affonso falls from turbine station.



1801. Paulo Affonso falls from turbine station.



1803. Paulo Affonso falls from turbine station.



1802. Paulo Affonso falls from turbine station.

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1781. Region of Paulo Affonso falls, Alagoas showing trestle approach to falls.



1782. Region of Paulo Affonso falls, Alagoas showing trestle approach to falls.



1783. Rocks, along Rio Sao Francisco at falls.



1784. Rocks, along Rio Sao Francisco at falls, characteristic vegetation.



1785. Paulo Affonso falls. Bahia falls.



1865. Lavras, typical landscape.



1787. Paulo Affonso falls, Bahia falls.



1788. Paulo Affonso falls, Bahia falls.



1789. Paulo Affonso falls. (falls no. 1)



1790. Paulo Affonso falls. (falls no. 2)



1791. Paulo Affonso falls. General View.



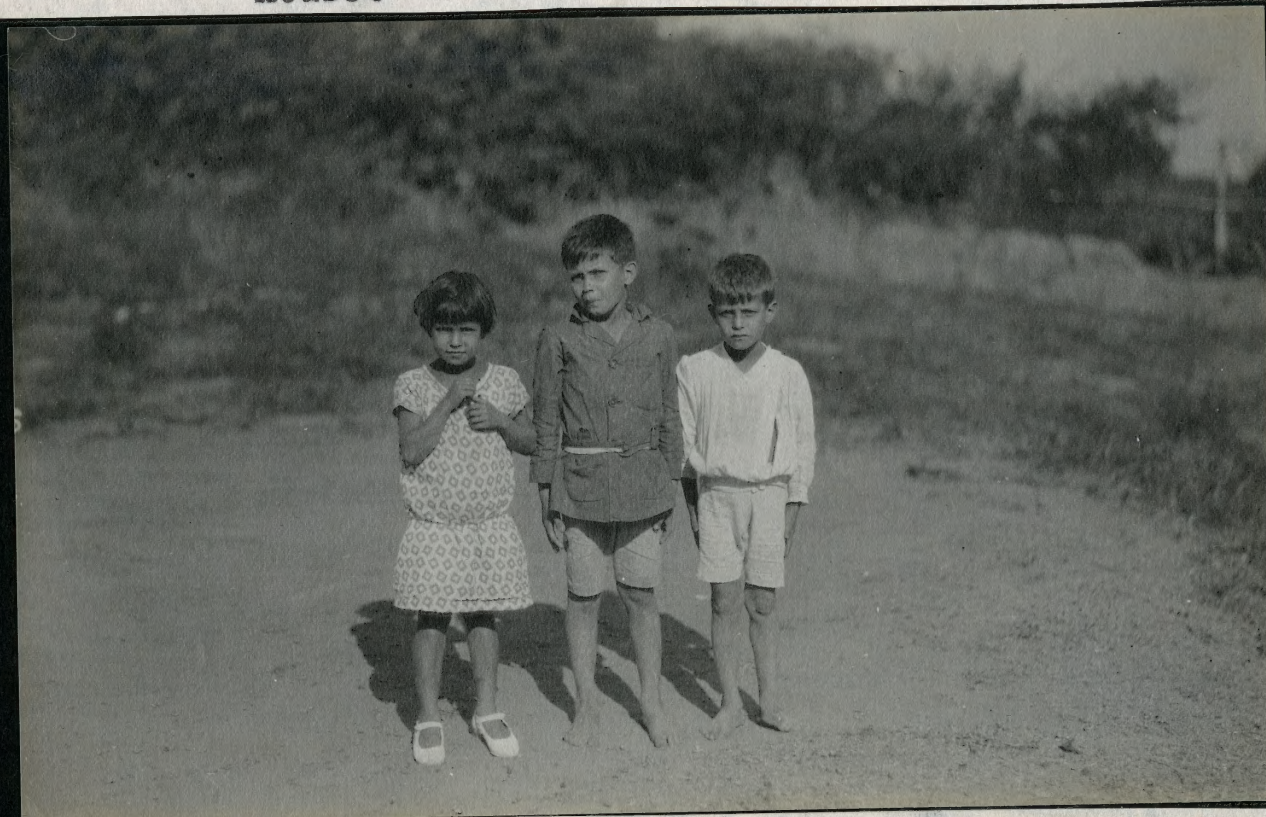
1792. Paulo Affonso falls, facing island.



1769. Garanhuns, Pernambuco, from Senhor Jeronimo's house.



1770. Garanhuns, Pernambuco, from Senhor Jeronimo's house.



1771. Children of Senhor Jeronimo's, Garanhuns.



1772. Hills, Garanhuns.



1773. Garanhuns from hilltop.



1774. Hills west of Garanhuns.



1775. Flamboyant tree, Bom Conselho, Pernambuco.



1776. Road to Pedra west of Bom Conselho.



1777. Santa Anna, Pernambuco, typical interior town.



1778. Zebu bullock, Alagoas.



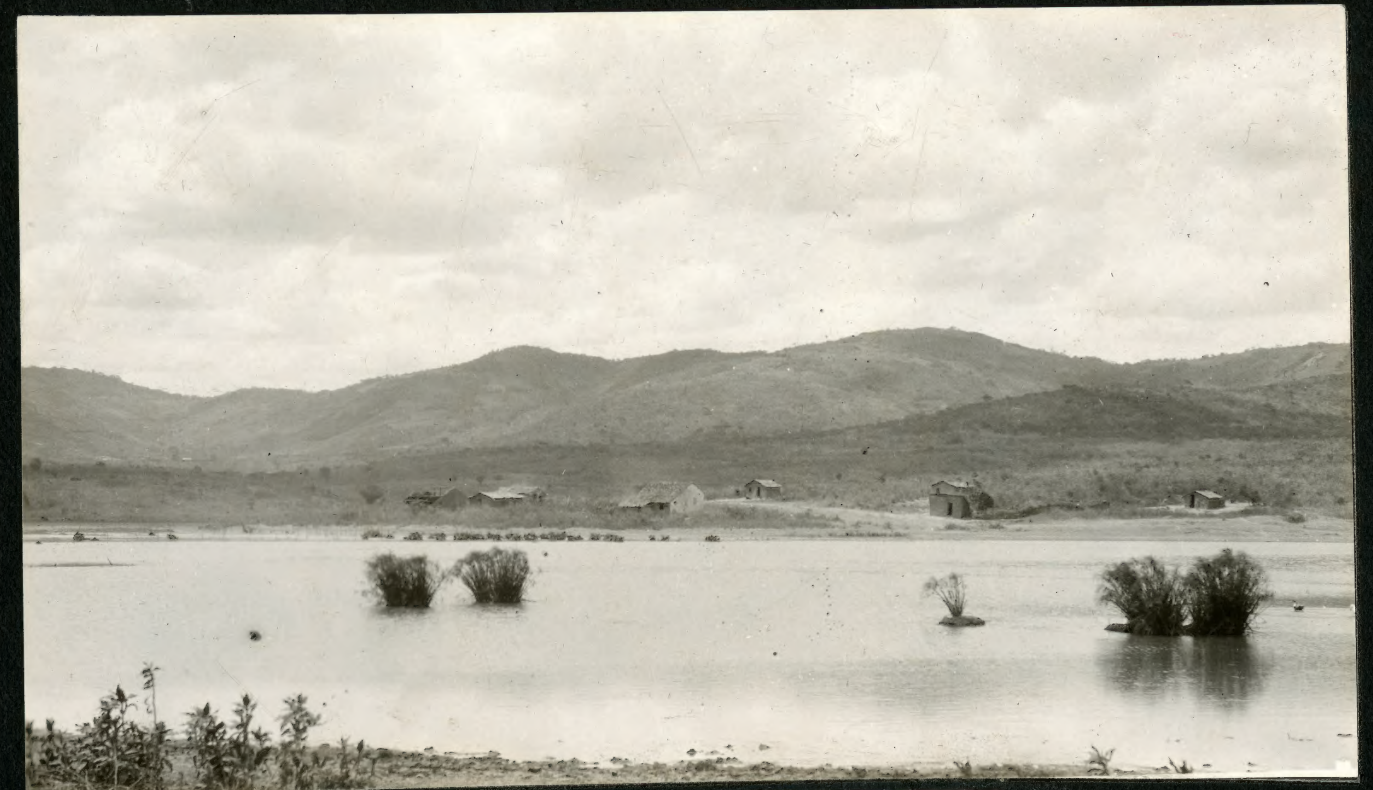
1779. Cotton factory, Pedra, Alagoas.



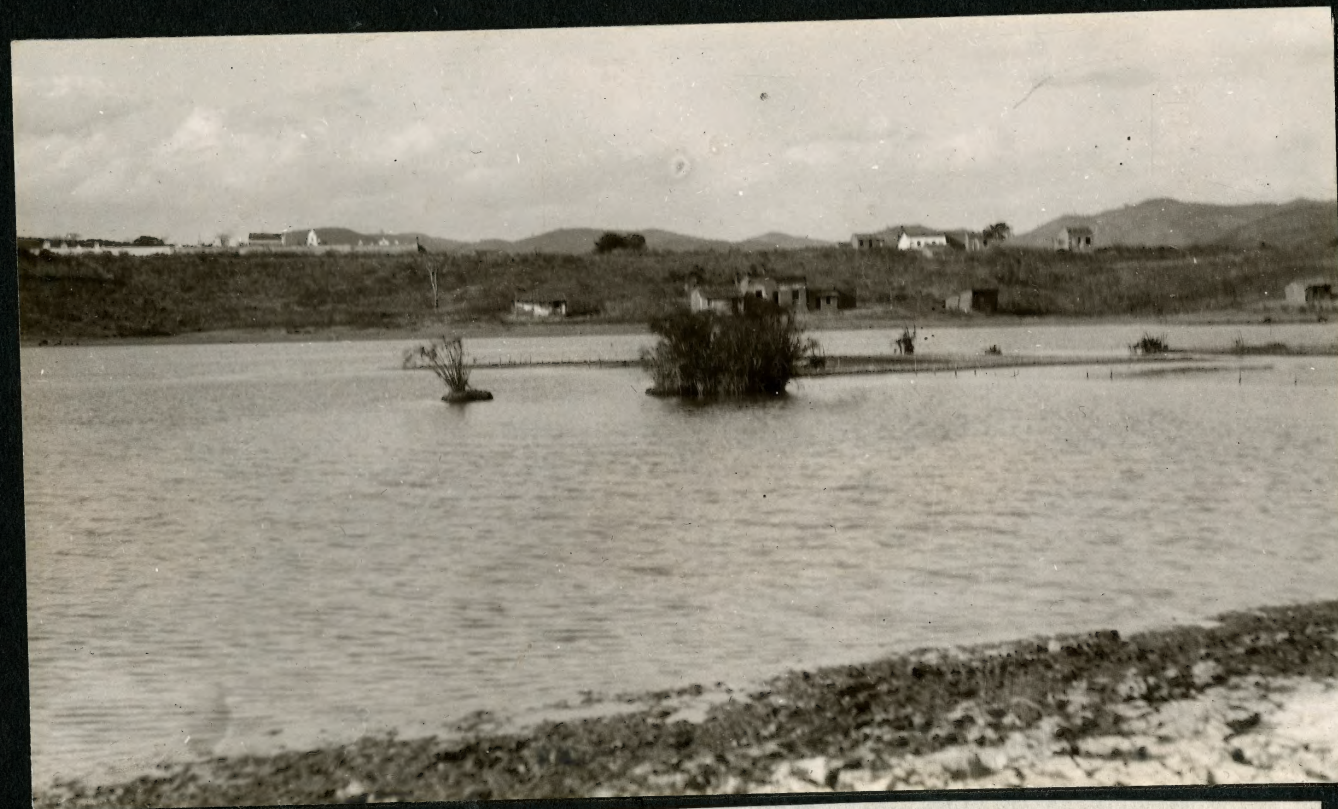
1780. Region of Paulo Affonso falls, Alagoas showing trestle approach to falls.



1757. Hills northwest of Bello Jardim, Pernambuco.



1758. Papyrus in river.



1759. Hills north side of river (locality for A.C.'s nos. 7686-7694)



1760. Hills south side Rio Ipojuca, Bello Jardim.



1761. Typical sertao, Bello Jardim.



1762. Typical sertao, Bello Jardim.

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1763. Typical sertao, Bello Jardim.



1764. Mangroves, south of Olinda, Pernambuco.



1765. White mangroves, Olinda, Pernambuco.



1766. Mangroves along lagoons, Olinda, Pernambuco.



1767. Mangroves along lagoon, Olinda, Pernambuco.



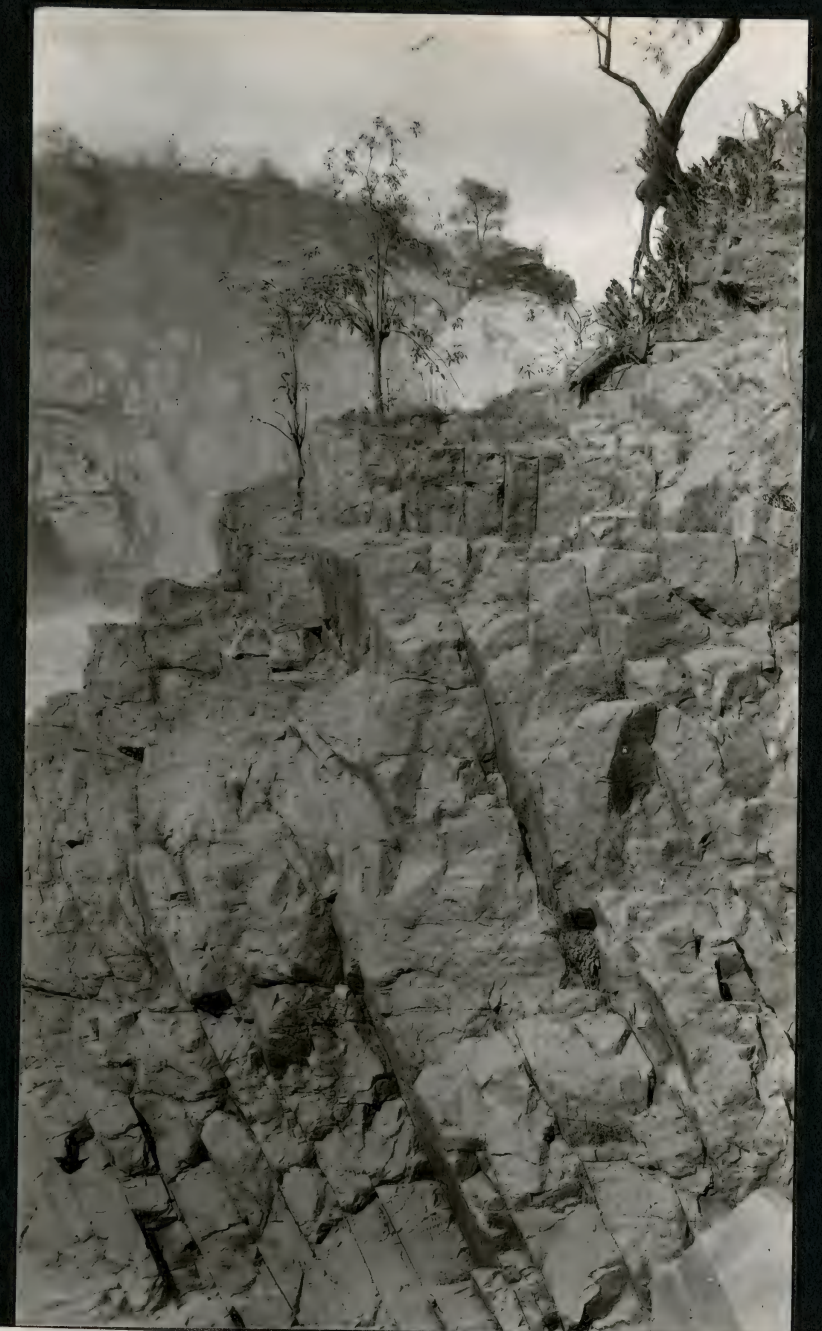
1768. Mangroves along lagoon, Olinda, Pernambuco.



1804. Paulo Affonso falls from turbine station.



1806. Paulo Affonso falls from turbine station.



1805. Paulo Affonso falls from turbine station.



1807. Paulo Affonso falls; dry section of wall of inaccessible island--note cactus.



1808. Paulo Affonso falls.



1809. Paulo Affonso falls, foaming river below Bahia falls.



1810. Paulo Affonso falls, foaming river below Bahia falls.



1812. Paulo Affonso falls. Verdure zone on inaccessible island.



1813. Paulo Affonso falls, south wall.



1811. Paulo Affonso falls. Verdure zone on inaccessible island



1814. Paulo Affonso falls, south wall to right of 1813.



1815. Paulo Affonso falls, to right of 1814.



1816. Paulo Affonso falls, south wall left of 1813.



1817 - Two of Paulo Affonso's children



1818. Paulo Affonso falls. Antonio Pieto.



1819. Paulo Affonso falls--Antonio Pieto, type of Cangaceiro (bandit).

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1820. Paulo Affonso falls, mouth of cave.



1821. Paulo Affonso falls, little falls.



1822. Paulo Affonso falls, gorge from below cave.



1824. Paulo Affonso falls, little falls from east wall.



1823. Paulo Affonso falls, from east wall.



1825. Paulo Affonso falls, end of secret island from east wall.



1826. Agua de Venta falls, from east wall.



1820₂. Stream separating power station from mainland.



1827. Stream separating power station from mainland.



1829. Bahia, view from upper south window at Anderson's.



1830. Bahia from ship board in bay, leaving Bahia.



1831. Bahia from ship board in bay near south end of peninsula.



1832. Bahia from ship board--lighthouse.



1833. Bahia from ship board--south coast.



1835. Forested slope above Monte Serrat





1836. Itatiaia Alta, below base of Agulhas Negras.



1837. Itatiaia Alta, below base of Agulhas Negras.



1838. Itatiaia, below base of Agulhas Negras.



1839. Itatiaia, from summit of Agulhas Negras looking toward Minas side.



1840. Itatiaia, from summit of Agulhas Negras, looking toward Minas side.



1841. Itatiaia from summit of Agulhas Negras, looking toward Minas side.



1842. Itatiaia from summit of Agulhas Negras, looking toward Minas side.



1843. Itatiaia from summit of Agulhas Negras.



1844. Itatiaia from summit of Agulhas Negras.



1845. Itatiaia from summit of Agulhas Negras.



1846. Itatiaia from summit of Agulhas Negras.



1847. Itatiaia. Donna Maria and Agnes Chase at summit.

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1848. Itatiaia. Donna Maria, Pedro, and Senor Miranda.



1849. Itatiaia. Chusquea pinifolia at summit.



1850. Itatiaia. Distant view from summit.



1851. Itatiaia. Agulhas Negras from side, at summit.



1852. Itatiaia. Bamboo from trail below Macieras.



1853. Itatiaia. Calamagrostis, trail below Macieras.



1856. Rio de Janeiro--Aguas Ferreas, from Agnes Chase's window.



1857. Rio de Janeiro--Aguas Ferreas, from Agnes Chase's window.



1854. Itatiaia. Donna Maria, trail below Macieras.



1855. Rio de Janeiro--Aguas Ferreas, from Agnes Chase's window.



1858. Rio de Janeiro--Agua Ferreas.
A. C.'s window.



1860. Juiz de Fora, Panicum ^{river} (no.)



1861. Juiz de Fora, Panicum ^{river} (no.)
along Rio Parahybuna



1862. Juiz de Fora. Panicum ^{river} along Rio Parahybuna, a colony.



1859. Juiz de Fora, Paspalum (no.)



1863. Juiz de Fora, typical bottomland along Rio Parahybuna.



1864. Mrs. Hunnicutt and George, Lavras.



1869. Lavras, showing erosion in red clay hills.



1866. Lavras, Paspalum (no.



1867. Lavras; marsh with Andropogon bicornis, Imperata, and Panicum prionitis. rufulare



1870. Bello Horizonte, Serra do Curral from Hendrix college.



1868. Lavras, showing erosion in red clay hills.



1871. Bello Horizonte, Serra do Curral. Piadade in distance.



1872. Bello Horizonte. Pico do Curral.



1873. Lagoa Santa Pedro, Lund's grave.



1875. Lagoa Santa near Lund's grave, showing erosion.



1876. Lagoa Santa near Lund's grave, showing erosion.



1877. Lagoa Santa. Axonopus 9048, against red clay in eroded gulch.



1878. Lagoa Santa--town and lake.



1879. West of Lagoa Santa, characteristic scrub.



1880. South of Vespasiana, hills.



1881. Cattle at ford, north of Bello Horizonte.



1882. Cattle at ford, north of Bello Horizonte.



1883. Wayside grave on way to Serra do Cipó.



1884. Bamboo, on way to Serra do Cipó.



1889. Cornfield in palmgrove, Serra do Cipó.



1888. Cornfield in palm grove, Serra do Cipó.



1885. Rio Jabotocatubas, on road to Serra do Cipó.



1886. On road to Serra do Cipó.



1887. On road to Serra do Cipó.



1890. On road to Serra do Cipó.



1892. On road to Serra do Cipó, Rio do Cipó, looking up stream.



1891. On road to Serra do Cipó, rapids in Rio do Cipó.



1894. On road to Serra do Cipó, Rio do Cipó looking down stream.



1893. On road to Serra do Cipó, Rio do Cipó looking up stream.



1895. Cachoeira do Cipó, near Vaccaria.



1896. Cachoeira do Cipó, near Vaccaria.



1898. Chapeo do Sol, Serra do Cipó from road below Vaccaria (about km. 105).



1899. Chapeo do Sol, Serra do Cipó, from Vaccaria.



1897. Palms near Vaccaria.



1900. Chapeo do Sol, Serra do Cipó, steep rocky slope, with fine white sand, locality of 9207-9217, A. C.'s nos.



1901. Serra do Cipó. Composite tree.
A.C.'s 9175.



1902. Serra do Cipó, new motor road.



1904. Vaccaria, Serra do Cipó, front of Portuguese house.



1903. Vaccaria, Serra do Cipó, back yard of Portuguese house.



1905. Vaccaria, Serra do Cipó, front of Portuguese house.



1906. Vaccaria, Serra do Cipó,
looking out from Portuguese house.



1907. Cachoeira do Cipó, Serra do Cipo, 6 P.M.



1909. Serra do Curral; Paspalum 8962.
turn N. p. 100



1908. Serra do Curral, trail, lower slope.



1911. Looking south from near top of Serra do Curral.



1910. *Paspalum splendens* (Agnes Chase 9310) below Pico do Curral.



1912. Serro do Curral, typical hills of Matto and Campo.



1913. Serro do Curral, locality of Agnes Chase 9314-9315.



1915. Serro do Curral, looking south from summit.



1914. Serro do Curral. Campo with *Paspalum carinatum* (Agnes Chase 9313) dominant.



1916. Serro do Curral, looking south from summit,
right of 1915.



1917. Serro do Curral, to right of 1916.



1918. Cerro do Curral-to
right of 1917.



1919. Pico do Curral.



1920. Pico do Curral.



1921. *Panicum polychaetum* (Agnes Chase 9432) Vicosa.



1922. *Panicum polychaetum* (Agnes Chase 9432) Vicosa.



1924. *Pennisetum purpureum*, planted July 4, 1924 exp. plots, Viçosa.



(P. H. Rolfs film) *Melinis minutiflora* in bloom. June 24, 1925- Volunteer-- three years before this ground covered with weeds and brush--P. H. Rolfs.



1926. Serra da Gramma fazenda of José Geraldo.



(P. H. Rolfs film) Serra da Gramma. At fazenda, José Gregoria Rebas.



1927. Serra da Gramma. José Geraldo, mule wrangler of Vicosá.



1929. Serra da Gramma. At fazenda, José Gregoria Rebas.



1931. Serra da Gramma. Dr. Rolfs, jungly bamboo slope between fazendo and Araponga.



(Dr. Rolfs) Serra da Gramma. Pennisetum latifolium (A.C.)



1933. Chaetochloa & Ptychophyllum (A. C. 9609) east of Araponga, Serra da Gramma.

1930. Serra da Gramma. Cart with bamboo ("taquaro") sides.



1932. Serra da Gramma, on trail.



1937. Jaraqua (A. C. 9626) plot at Vicosa.



1934. *Panicum "prionitis,"* bordering Rio Casca, Serra da Gramma. *rivulare*



1935. Cutting *Stenotaphrum* at Dr. Rolf's, Vicosa.



1938. View toward Pico de Bandeira from summit of Pontao Crystal.



1936. Lawn of *Stenotaphrum* at Dr. Rolf's, showing texture.



1938 $\frac{1}{2}$. View toward Pico de Bandeira from summit of Pontao Crystal.



1939. Miss Rolfs and José, base of Pontao Crystal.



1940. Chusquale (*Chusquea pinifolia*) summit of Pontao Crystal.



1941. Chusquea on hillside, Serra de Caparaó lower slope.



1942. Chusquea on hillside, Serra de Caparaó lower slope.



1944. Little islands in bay Rio de Janeiro.



1943. Santa Isabel--ox cart.



1945. Little islands in bay Rio de Janeiro.



1946. Rio de Janeiro, seen from Santa Theresa.



1947. Corcovado, steep face toward bay.



1948. Paqueta, Warner's.



1949. Paqueta, Warner's.



1957. Campos do Jordao, Araucaria.



1465
1975



1969

1977
1977



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RIO DE JANEIRO JARDIM BOTANICO

1973



1947

1970



1975



1972

1975



1977



1978



1950. Campos do Jordao, Araucaria.



1952. Campos do Jordao, Araucaria.



1951. Campos do Jordao, Araucaria.



1953. Campos do Jordao, Araucaria.



1954. Campos do Jordao, Araucaria.



1955. Campos do Jordao, Araucaria.



1956. Campos do Jordao, Araucaria.



1958. Campos do Jordao, Araucaria.



1959. Campos do Jordao, Araucaria.



1961. Aqueduct trail, Corcovado.



1962. Aqueduct trail, Corcovado.



1960. Aqueduct trail, Corcovado.